

PROPELLANT EXTRUSION DIE

ABSTRACT OF THE DISCLOSURE

5 An extrusion die for use in producing perforated
stick-type propellant includes a die blank having a
central passage therethrough, the passage having a
10 tapered entry, an open lattice webbing structure having
struts in and spanning the central die passage, and an
array of die pins for imparting perforations in material
forced through the central passage, each pin having a
10 fixed end attached to the lattice structure and a free
end extending parallel to the passage beyond the lattice
structure.